

DSC-W630B

720p MP4 HD Movie Mode

In 720p MP4 movie mode the camera shoots 1280 x 720 high definition movies at 30 fps, a standard format when working with a PC.¹ Users will create high quality movies with full use of optical zoom in files small enough to transfer to compatible PC or Mac® computer. Once transferred to your computer and connected to the internet, you can effortlessly upload your media to popular photo and video-sharing websites such as Photobucket® and YouTube™.

Sweep Panorama™ mode (up to 360°)

Reach beyond the traditional wide angle lens, and capture more breathtaking shots with Sweep Panorama™ mode. Simply press the shutter button and sweep the camera in the desired direction and the camera continuously shoots at a high speed, then seamlessly stitches the images together with automatic position adjustment to create one stunning panoramic image. Available in wide and up to 360° full circle, the camera can take a variety of panoramic shots. Now capturing wide landscapes is as easy as press and sweep.

14.1 Megapixel Super HAD™ CCD Image Sensor

A powerful 14.1 megapixel 1/2.3" Super HAD™ CCD image sensor helps you capture gorgeous images with superb contrast and clarity down to the finest detail. With 14.1 megapixels, you can create stunning, photo-quality prints up to A3+ (13x19") size, or crop your images and still come away with high resolution shots.

2.7" (230K dots) Clear Photo™ LCD display

Generous 2.7" (230K dots) Clear Photo™ LCD display features sharp, natural color that makes it easy to compose shots, read menus, and view photos, even in bright sunlight.

Intelligent Auto Mode

Unlike traditional auto mode, Intelligent Auto (iAuto) mode thinks for you, recognizing scenes, lighting conditions, faces, and adjusts settings resulting in clear images, faces with natural skin tone and less blur. Take advantage of all the technology without leaving Auto mode. Kids on the playground, landscape shots, a beautiful flower or an indoor birthday party; all result in clear images without leaving auto mode.

Face Detection technology

Face Detection technology detects up to eight individual faces and adjusts focus, exposure, and white balance to help deliver crisp, properly lit images of family and friends.

Smile Shutter™ technology

Smile Shutter™ technology captures a smile the moment it happens. Simply press the Smile Shutter™ button and the camera does the rest. You can also select adult and child priority and indicate the degree of Smile Detection sensitivity. Intelligent Scene Recognition can now be used together with Smile Shutter™ mode when the Intelligent Auto mode is on. This means that beautiful smiles can be captured with settings optimized for the particular scene, even in difficult conditions such as twilight and backlighting.

Anti-blink Function

It's frustrating to capture the perfect shot, only to review it later and discover subjects blinked during the photo. The Anti-blink function works to help counter blinking and squinting. When the camera is set to Soft Snap, the Anti-blink function captures two images, recording only the photo with less squinting. If a blink is detected in other shooting modes, a warning will be displayed after you take the shot.

Soft Skin mode

Portrait subjects will love the results. Soft Skin mode recognizes skin tones and reduces the appearance of blemishes and wrinkles without affecting the rest of the shot.

Intelligent Scene Recognition (iSCN) Mode

Intelligent Scene Recognition (iSCN) Mode automatically detects seven different types of scenes and, within just 1/30th of a second, selects the appropriate camera settings: Backlight, Backlight Portrait, Twilight, Twilight Portrait, Twilight using a tripod, Portrait, Landscape and macro. iSCN has two modes: Auto and Advanced. In Auto Mode, the camera takes a single shot using the optimal settings. In Advanced Mode, the camera takes a photo with the optimal settings and, if in difficult lighting (low light or back light) immediately takes a second photo with another optimized setting so you can choose which to keep.

Dynamic Range Optimizer

Specifications

Camera					
Camera Type	Compact zoom digital camera	Focal Length (35mm equivalent)	Still 16:9: 30-150mm/ Movie 16:9: 32-160mm / Still 4:3: 28-140mm /Movie 4:3: 28-140mm	Self-timer	Off / 10sec. / 2sec. / portrait1 / portrait2
Imaging Sensor				Shutter Speeds	iAuto(2" - 1/2000) / Program Auto(2" - 1/2000)
Imaging Sensor	1/2.3" Super HAD CCD Sensor	Lens Construction	6 elements in 5 groups (including 3 aspheric elements)	Burst Mode	Approx 1.1 fps at 14.1MP (Maximum 100 shots)
Pixel Gross	14.5MP	Minimum Focus Distance		Flash	
Effective Picture Resolution	14.1MP	Viewfinder		Flash Modes	Auto / Flash On / Slow Synchro / Flash Off
Color Filter System	RGB primary color filters	Type	None	Flash Coverage	ISO Auto: Approx.0.5m - 3.0m(Approx. 1 foot 7 3/4 inches to 9 feet 10 1/8 inches)(W) / Approx.0.5m - 1.5 m(1 foot 7 3/4 inches to 4 feet 11 1/8 inches)(T). ISO3200: up to Approx.6.0 m(Approx.19 feet 8 1/4 inches)(W) / Approx.3.0 m(9 feet 10 1/8 inches)(T)
Recording		LCD Display			
Media Type	optional "Memory Stick Duo" (No movie recording), optional "Memory Stick PRO Duo" (Mark 2 only for movie recording), optional "Memory Stick PRO-HG Duo", optional SD Memory Card (Class 4 or higher), optional SDHC Memory Card (Class 4 or higher), optional SDXC Memory Card (Class 4 or higher)	LCD Type	2.7" Clear Photo™ LCD (230K dots)	Red-Eye Reduction	Auto / On / Off
Still Image Mode	JPEG	Brightness Control	5(Bright) / 4 / 3(Normal) / 2 / 1(Dark)	Erase/Protect	Erase: Single / Select / Folder, Protect: Single / Select
Still Image Max Effective Resolution	Approx. 14.1 Megapixels	Focus Control		Red-Eye Reduction	Auto / On / Off
Still Image Size 16:9		Exposure System		Erase/Protect	Erase: Single / Select / Folder, Protect: Single / Select
Still Image Size 4:3	14M(4,320 x 3,240) / 10M(3,648 x 2,736) / 5M(2,592 x 1,944) / VGA	Metering Modes	Multi Pattern / Center Weighted / Spot	Advanced Features	
Panorama Still Image Size	360(1,1520 x 1,080) / Wide(7,152 x 1,080/4,912 x 1,920) / Standard(4,912 x 1,080/3,424 x 1,920)	Exposure Compensation	Plus / Minus 2.0EV, 1 / 3EV step	Sweep Panorama	Sweep Panorama / Sweep Panorama (360)
Video Format	AVI(Motion JPEG)	Scene Mode(s)	High Sensitivity / Soft snap / Soft Skin / Landscape / Night Portrait / Night Scene / Gourmet / Beach / Snow / Pet mode	Smile Shutter™ technology	Yes
Video Mode		D-Range Optimizer	Standard / Plus / Off	Image Stabilization	Optical SteadyShot™ Image Stabilization
Microphone/ Speaker	Mono/mono	ISO	Auto / 100 / 200 / 400 / 800 / 1600 / 3200	In-Camera Editing	Trimming / Red Eye Correction / Unsharp Masking
Optics/Lens		White Balance Mode	Auto (Intelligent) / Daylight / Cloudy / Fluorescent 1 (White Fluorescent Lighting) / Fluorescent 2 (Natural White Fluorescent Lighting) / Fluorescent 3 (Day White Fluorescent Lighting) / Incandescent / Flash	Intelligent Auto	Yes
Lens Type	Sony	Drive System		Shooting Tips	Yes
Optical Zoom	5x			Tracking Focus	Off / Auto

Interface	
Memory Card Slot	MS Duo and SD/SDHC/SDXC Compatible
SD Output	Yes
USB Port(s)	Multi (AV/USB), Hi-Speed USB (USB2.0)
Dimensions (Approx.)	
Dimensions (Approx.)	W x H x D: 3 7/8" x 2 1/4" x 25/32" (97.7mm x 56.2mm x 19.8mm)
Weights and Measurements	
Weight (Approx.)	4.1 oz. (116g)
Weight(Approx) (Main unit only)	3.5 oz. (100g)
Power	
Battery Type	LITHIUM ION NP-BN1 3.6V
Battery Capacity	typical: 2.3Wh (630mAh), minimum: 2.2Wh (600mAh)
Number of Still Images	typical: 2.3Wh (630mAh), minimum: 2.2Wh (600mAh)
Power Consumption (in Operation)	Approx. 1.0W
Power Requirements	AC 100V to 240V, 50/60 Hz, 2W
Accessories	
Supplied Accessories	Battery (NP-BN) Battery Charger Multi USB Cable Wrist Strap Instruction Manual

1. Recording limited to 29 minute segments

© 2012 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Sony, Cyber-shot, SteadyShot, Smile Shutter, Sweep Panorama, Super HAD and the Sony make.believe logo are trademarks of Sony. Microsoft, Windows, and Windows Vista are trademarks of Microsoft Corporation. Mac is a trademark of Apple, Inc. All other trademarks are trademarks of their respective owners. Features and specifications subject to change without notice.

Updated: May 8, 2012